

RHENIUM AND TECHNETIUM COMPLEXES  
CONTAINING A HYPOXIA-LOCALIZING MOIETY

Abstract of the Disclosure

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Novel methods, processes and metal complexes attached to a hypoxia-localizing moiety comprising a metal, preferably radionuclide of rhenium or technetium;

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a hypoxia-localizing moiety; and,  
a complexing ligand, wherein said ligand and said radionuclide combined have cell membrane permeabilities greater than that of sucrose, are disclosed.